

**In the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1 1. (Currently Amended) An image sensing apparatus comprising:
  - 2 a solid-state image sensing device having an electronic shutter to
  - 3 convert light from an object into an image signal;
  - 4 a mechanical shutter, provided between the object and the solid-
  - 5 state image sensing device, to expose the solid-state image sensing
  - 6 device to the light for a first exposure period and a second exposure
  - 7 period that directly follows the first exposure period, the first and the
  - 8 second periods being the same length in time;
  - 9 a shift mechanism to change a relative positional relationship
  - 10 between a passage of the light that has passed the mechanical shutter
  - 11 and incident to the solid-state image sensing device and the solid-state
  - 12 image sensing device for a period from a moment in the first exposure
  - 13 period to another moment in the second exposure period, the shift
  - 14 mechanism including an optical low-pass filter that rotates between two
  - 15 predetermined positions to change the relative positional relationship,
  - 16 wherein the optical low-pass filter starts to rotate at a moment within the
  - 17 first exposure period and stops at another moment within the second
  - 18 exposure period, a period for which the optical low-pass filter rotates in
  - 19 the first exposure period and another period for which the optical low-
  - 20 pass filter rotates in the second exposure period being equal to each
  - 21 other; and
  - 22 a processor to combine image signals converted for the first and
  - 23 the second exposure periods to generate a composite image signal,
  - 24 wherein the mechanical or the electronic shutter is switched from a
  - 25 closed state to an opened state to start the first exposure period and the
  - 26 mechanical shutter is switched from the opened state to the closed state
  - 27 to finish the second exposure period.

1 2. (Canceled).

1 3. (Canceled).

1 4. (Currently Amended) A method of image sensing using a solid-state  
2 image sensing device having an electronic shutter for converting light  
3 from an object into an image signal, the method comprising the steps of:

4 exposing the solid-state image sensing device via a mechanical  
5 shutter to the light for a first exposure period and a second exposure  
6 period that directly follows the first exposure period, the first and the  
7 second periods being the same length in time;

8 switching the mechanical or the electronic shutter from a closed  
9 state to an opened state to start the first exposure period;

10 switching the mechanical shutter from the opened state to the  
11 closed state to finish the second exposure period;

12 changing a relative positional relationship between a passage of  
13 the light incident to the solid-state image sensing device and the solid-  
14 state image sensing device for a period from a moment in the first  
15 exposure period to another moment in the second exposure period; and

16 starting to rotate an optical low-pass filter at a moment within the  
17 first exposure period and stopping the optical low-pass filter at another  
18 moment within the second exposure period between two predetermined  
19 positions to change the relative positional relationship, a period for which  
20 the optical low-pass filter rotates in the first exposure period and another  
21 period for which the optical low-pass filter rotates in the second exposure  
22 period being equal to each other; and

23 combining image signals converted for the first and the second  
24 exposure periods to generate a composite image signal.

1 5. (Canceled).

1 6. (Canceled).